

Appendix H

Construction Noise Monitoring Results

Noise Impact Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

M-N3 - SKH Tsoi Kung Po Secondary School

Date	Start Time	Measured Noise Level Leq 30min dB(A) #	Corrected Noise Level* dB(A)	Limit Level^	L10 dB(A)	L90 dB(A)	Wind Speed (m/s)	Weather
6-Jun-23	9:30	66.2	N/A	65	68.5	63.5	0.4	Cloudy
12-Jun-23	11:53	69.1	63.5	65	71.5	62.0	0.5	Sunny
21-Jun-23	13:15	64.5	N/A	65	67.0	56.5	0.3	Sunny
27-Jun-23	12:33	68.5	N/A	70	70.5	58.5	0.7	Sunny
	Max	69.1	63.5					
	Min	64.5	63.5					

Notes:

Free field noise levels were adjusted with a correlation of +3 dB(A).

* Corrected Noise Level = $10 * \log(10^{(Measured\ Noise\ Level/10)} - 10^{(Baseline\ Noise\ Level/10)})$; NA refers to Not Applied as the Measured Noise Level < Limit Level.

The Measured Noise Level on 6 June 2023 is 66.2 dB(A), which is lower than the Baseline Noise Level (67.7 dB(A)).

^ The Limit Level was 70 dB(A) for the teaching period and 65 dB(A) for the examination period.

